Electrical interface
CPV14-GE-IB-8

Part number: 197179
Product to be discontinued

FESTO
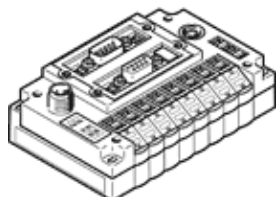
Data sheet

Feature	Value
CP string extension	Yes 16 inputs 8 outputs (or 16 valves)
Fieldbus interface	Sub-D, 9-pin, socket and plug
Device-specific diagnostics	Missing module in CP string Short circuit / overload, outputs Short circuit / overload, inputs Undervoltage, valve manifold (extension) Undervoltage, output module Undervoltage, sensor supply power Undervoltage, valve manifold Via periphery error:
Configuration support	Icons for CMD software
Maximum number of solenoid coils with string extension	32
Max. number of solenoid coils	16
Polarity protected	For all operating voltage connections
Additional functions	Diagnosis via status bits (inputs)
Baud rate	500, 2000 kBit/s Adjustment via DIL switch
Operating voltage range DC	20.4 ... 26.4 V
Maximum number of outputs	8 (16 solenoid coils eliminated)
Maximum number of inputs	16
Nominal operating voltage DC	24 V
Power failure buffering	10 ms
Residual ripple	4 Vss
Current consumption at nominal operating voltage, load	Depending on valve type
Current consumption at nominal operating voltage	Electronics: <= 200 mA Sensor supply power: depends upon sensor
Storage temperature	-20 ... 70 °C
Protection class	IP65
Ambient temperature	-5 ... 50 °C
Authorization	c UL us - Recognized (OL)
Maximum number of process data bits, outputs	32
Maximum number of process data bits, inputs	32
Fieldbus certification	Interbus club
Electrical isolation, fieldbus interface	Optocoupler
Note regarding fieldbus interface	Remote bus
Bus-specific LED display	BA: bus active RC: Remotebus Check RD: Remotebus Disable UL: operating voltage for Interbus interface
Product-specific LED display	12/14: switching status at valves Dia: short circuit, load supply, sensor power supply, configuration error Pow: operating voltage and load supply
Material cover	PA-reinforced
Material seals	CR NBR
Material housing	Aluminum die cast
Materials note	Conforms to RoHS